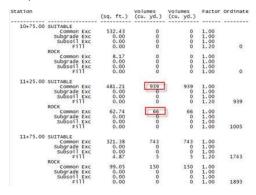
15_20 Rock Exc. on X-1A Sheet

Question: How is "Rock Excavation" shown on the X-1A sheet?

Answer:

To be consistent with the <u>Earthwork Balance Sheet</u>, excavation above the proposed subgrade line should generally be shown as "Unclassified Excavation" on the X-1A sheet. It should not matter what type of material is being excavated such as suitable, unsuitable, or rock for each cross section. Conversely, excavation below the proposed subgrade such as undercut and shallow undercut will NOT be included as Unclassified Excavation, but will have their own "Undercut Excavation" column.

Geopak Earthwork LOG File



"Sheet1"

2	Station	Uncl. Exc.	Embt	
3				
4	Y6 RT	(cu. yd.)	(cu. yd.)	
5	10+75.00	0	0	
6	11+25.00	1005	0	
7	11+75.00	893	5	
8	12+25.00	672	6	
9	12+75.00	508	3	
10	13+25.00	443	3	
11	13+75.00	395	5	
12	14+25.00	385	7	
13	14+75.00	379	8	
14	15+25.00	342	6	
15	15+75.00	280	1	
16	16+25.00	163	0	
17	16+75.00	86	1	
18	17+25.77	58	1	
10			7	

Cross Section Summary Sheet (X-1A)

5	Station	Uncl. Exc.	Embt	Station	Uncl. I
6					
7	Y6 RT	(cu. yd.)	(cu. yd.)	Y5A RT	(cu. y
8	10+75.00	0	0	61+00.00	
9	11+25.00	1005	0	61+62.00	
10	11+75.00	893	5	62+13.00	
11	12+25.00	672	6	62+66.00	<u> </u>
12	12+75.00	508	3	63+17.00	
13	13+25.00	443	3	63+70.00	
14	13+75.00	395	5	64+22.00	
15	14+25.00	385	7	64+75.00	<u> </u>
16	14+75.00	379	8	65+26.00	
17	15+25.00	342	6	65+78.00	
18	15+75.00	280	1	66+30.00	
19	16+25.00	163	0	66+80.00	<u> </u>
20	16+75.00	86	1	67+07.01	
21	17+25.77	58	1	92.604.72.6549	
22				Station	Uncl. E
23	Station	Uncl. Exc.	Embt		
24				Y5A RT	(cu. y
25	Y6 LT	(cu. yd.)	(cu. yd.)	69+24.26	
26	10+75.00	0	0	69+56.00	
27	11+25 00	220	0	70+06 00	

Please download the recently updated <u>Earthwork XSC Volume Summary</u> (X-1A sheet). Note that previous versions of the spreadsheet did not automatically add rock excavation to the total unclassified excavation column. The attached PDF should be used as an example of a typical X-1A sheet. Further enhancements to the spreadsheet will warrant a tutorial in the coming weeks. We'll keep you posted.